

# Hollinger Public Blast Report

**Blast Pattern:** 3340\_026  
**Date:** 16-Apr-18  
**Blast Time:** 15:50  
**Blast Sign Activation:** 7:40  
**Website Notification Time:** 7:20

## Blast Conditions

Ceiling Height:	900	ft
Boundary Layer Height:	none	m
Cloud Cover:	100%	Overcast (Snow)
Wind Speed:	10.5	km/hr
Wind Direction:	E	
Temperature:	-0.1	°C

## Noise Levels ( $L_{Aeq}$ ) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	<b>L<sub>aeq</sub></b>	<b>L<sub>peak</sub> dB</b>
Comfort Inn:	54.6 LAeq	101.2 dB
Edwards:	47.9 LAeq	106.3 dB
Fred:	43.6 LAeq	104.2 dB
Hollinger Office:	56.7 LAeq	107.9 dB
Noah:	60.4 LAeq	111.2 dB
Sandy:	43.1 LAeq	115.6 dB
Water Tower:	50.1 LAeq	120.4 dB
Wilson:	64.9 LAeq	117.5 dB

## Dust Levels ( $\mu\text{g}/\text{m}^3$ ) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No Exceedances recorded at 24hr.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost:	7.6	7.7	5.4	6.0
Edwards:	8.0	9.1	8.1	9.3
Hollinger Office:	19.4	22.1	10.9	13.0
Sandy:	12.0	14.2	4.8	6.0

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PORCUPINE GOLD MINES

## NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
Claimpost:	0.9	1.0
Edwards:	1.2	2.0
Hollinger Office:	5.1	6.4
Sandy:	6.9	25.9

## Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	2.9	2.2	2.5
Imerys:	0.6	0.6	0.7
Noah:	1.0	0.8	1.3
Moneta Pumping Station:	0.6	0.8	0.8
Sandy:	2.2	1.7	1.8
Water Tower:	0.7	0.4	0.6
Wilson:	7.7	6.3	6.9